

9/04/18 Update			Previously Disclosed, Media Reports, Continued Public Interest Records Requests
	TOPIC	TIMELINE & ACTIONS	
TetrattechEC Fraud Recovery	<b>Navy work plans for redoing fraudulent work – including soil and interior building materials scans</b>		
	<ul style="list-style-type: none"> <li>Parcel G is City's top priority</li> </ul>	Navy received comments on their Parcel G Removal Site Evaluation Work Plan from: TetrattechEC; and four agencies; USEPA, DTSC/CDPH combined, Oak Ridge Associated Universities (ORAU), and SFDPH; three community groups; Greenaction/GGU EJLC, Committee to Bridge the Gap and Our City San Francisco; and three individuals. Navy placed a statement about their next steps on the webpage under Timely Topics.	
		Navy plans to resolve all comments and gain Regulatory Agencies' approval and then proceed with work. Navy plans Draft Final document to Regulators on 9/28.	
	<ul style="list-style-type: none"> <li>Parcel D-2, UC-1, UC-2, UC-3 and then subsequent parcels</li> </ul>	Work plan issuance TBD - subsequent to approval of universal protocols embedded in Parcel G Work Plan.	
	<ul style="list-style-type: none"> <li>Community Meeting</li> </ul>	Navy gave presentation at HPS CAC Environment and Reuse Subcommittee on Monday 8/27/18	
	<b>CA DPH Radiological Health Branch (RHB), as expert, to evaluate Parcel A</b>		
		Work Plan, FAQ, etc. posted on CDPH RHB website on 7/6. Work started July 16. CDPH posts weekly updates on web. Updates for weeks ending Aug 17 and 24 attached. To date, all analyzed results indicate naturally occurring radiation. Some measurements will, as explained to residents, take several weeks to analyze before they can be summarized in reports.	
		July 5 and 26 RHB meetings with Parcel A residents went well. CDPH demonstrated instruments and steps taken for further analysis when needed. Artist representative also attended. Next meeting with residents on September 6.	
	<b>Unsubstantiated worker allegations (Bert Bowers and attorney David Anton)</b>	<b>Allegations investigated and resolved – see attached.</b>	
	<ul style="list-style-type: none"> <li>Navy Parcel A background samples for radiation in manholes; high uncertainty of sample results</li> </ul>	Sample results consistent with manhole construction materials (i.e. brick & concrete) – no concerns.	
	<ul style="list-style-type: none"> <li>Dump trucks from Navy Parcel E-2 work (contaminated area) and on the same day dump trucks also observed on the FivePoint stockpiles.</li> </ul>	Navy contractor and 3 <sup>rd</sup> party oversight contractor reviewed all records and verified that no soil was transported off Navy property.	
	<b>Building 606, SFPD Crime Lab</b>		
	<ul style="list-style-type: none"> <li>Various SFPD employee H&amp;S concerns expressed (e.g. naturally occurring asbestos, dust, radiation, drinking water quality) for past decade - addressed by DPH-OSH industrial hygienists (IH) – ongoing assistance.</li> </ul>	On this property, SFPD is a lessee of OCII, who is a lessee of Navy. DPH-OSH and Amy have done multiple presentations in the last fifteen years for SFPD employees on site. (Kevin Milani is assigned IH). Q&A session held with employees on 7/27. Planning for new tests initiated by IH to address expressed employee concerns.	
	<ul style="list-style-type: none"> <li>SF Examiner story August 17</li> </ul>	Describing some of new IH tests mentioned above	
	<b>September 8 - Bus Tours – sign-up link <a href="https://www.surveymonkey.com/r/Sep2018em">https://www.surveymonkey.com/r/Sep2018em</a></b>		

- See attached Navy HPNS Fieldwork Tracking and Document Tracking Sheets for ongoing Navy work
- Amy to stay informed with 2nd and 4th Tuesday Navy phone calls and monthly group meetings

## **Navy Response to Claims About the Radiological Cleanup at Hunters Point**

**Introduction:** On March 16, 2018, the representative for a former Tetra Tech EC employee contacted EPA Region 9 about claims regarding the radiological cleanup program at Hunters Point. Representatives of the Navy and EPA met with the two parties on May 17, 2018 to visit the site and document their statements. Thereafter, the Navy reviewed the information and developed responses for each claim as follows.

C1: The concentration of Radium-226, from samples collected at Parcel A, are above the Soil Cleanup Levels according to lab reports provided by the reporting parties.

***R1: The Navy has reviewed these lab reports and determined the Radium-226 concentrations are consistent with ordinary brick and concrete samples.***

C2: Four keel blocks (previously used at Hunters Point) have been placed near the Lennar Welcome Center at Parcel A as landscaping accents. Keel blocks were considered rad-impacted or potentially contaminated because they may have been used during decontamination of Operation Crossroads naval vessels in dry docks.

***R2: The keel blocks were scanned and released as safe. The Navy allowed Lennar to use the keel blocks because they represent shipyard history. They will be reevaluated as part of the radiological health and safety scan being conducted at Parcel A by the California Department of Public Health.***

C3: A former worker claimed that a soil sample collected near the corner of Fisher and Spear Streets was analyzed and had a Cs-137 concentration of about 3 picocuries per gram (pCi/g), which was well above the cleanup level being used (0.113 pCi/g).

***R3: The area identified is located on Parcel UC-1. It will be thoroughly evaluated using soil borings as part of the retesting of the UC Parcels. Soil samples will be collected at the surface and at intervals likely down to shallow bedrock. Additionally, as part of the chemical remediation efforts in 2012, after the claimed soil sample was collected, the Navy removed the surface soil and replaced it with clean import fill.***

C4: The Reporting party indicated observing a dump truck carrying wet soil in February 2018 from Parcel E to a soil stockpile being used by the developer (FivePoint) on Parcel A.

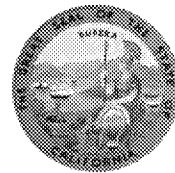
***R4: In February 2018, Parcel E-2 (not Parcel E) soil activities were being conducted by the Navy's Parcel E-2 contractor. The Navy's contractor was questioned and has indicated that all soil is being reused onsite as a foundation layer for Parcel E-2 and that soil has not been transported to Parcel A. The Navy's independent 3<sup>rd</sup> party oversight contractor has verified that soil did not leave Parcel E-2.***

Note: Claim (C) and Navy Responses (R)



KAREN L. SMITH, MD, MPH  
Director and State Public Health Officer

State of California—Health and Human Services Agency  
**California Department of Public Health**



EDMUND G. BROWN JR.  
Governor

August 24, 2018

The SF Shipyard HOA  
c/o 11 Innes Court  
San Francisco, CA 94124

**Hunters Point Naval Shipyard Parcel A-1, Radiation Health and Safety Scanning  
Survey: Progress Update #6**

For the week of August 20, the CDPH Radiological Health Branch (RHB) completed four survey units on the Walkover Scanning Surveys and that brings the total area completed for the walkover survey to approximately 50%. The four survey units scanned this past week were located on the south sidewalks of Galvez Avenue and the northwest of Innes Court around the bus stop. Of these areas scanned, one anomaly, slightly above background, was detected along the sidewalk of Galvez Avenue close to the Lennar Construction Trailer. Like the previous anomalies detected, it was determined to be potassium-40, a naturally occurring substance. As stated in previous updates, detection of a naturally occurring substance above background is not unusual for a neighborhood scan and does not pose a hazard to people or the environment (approximately 0.01% of potassium found in nature, including in plants, animals and our bodies is potassium-40).

In addition, the data analysis of the Towed Array RS 700 data sets continues.



CDPH appreciates residents' assistance to facilitate this survey effort. As always, questions or comments about this project can be sent to:  
[RHBHuntersPointParcelAScan@cdph.ca.gov](mailto:RHBHuntersPointParcelAScan@cdph.ca.gov)

Sincerely,

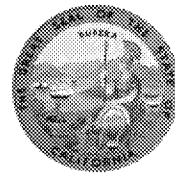
A handwritten signature in black ink, appearing to read "Mark Starr", with a stylized flourish extending from the end.

Mark Starr, DVM, MPVM, DACVPM  
Deputy Director for Environmental Health  
California Department of Public Health



KAREN L. SMITH, MD, MPH  
Director and State Public Health Officer

State of California—Health and Human Services Agency  
**California Department of Public Health**



EDMUND G. BROWN JR.  
Governor

August 17, 2018

The SF Shipyard HOA  
c/o 11 Innes Court  
San Francisco, CA 94124

**Hunters Point Naval Shipyard Parcel A-1, Radiation Health and Safety Scanning  
Survey: Progress Update #5**

For the week of August 13, the CDPH Radiological Health Branch (RHB) continues to make progress on the Walkover Scanning Surveys and has completed 13 survey units, located on the north sidewalks of Galvez Avenue (including the sidewalks and the surrounding area of the convenience store and Lennar construction office), the adjacent hillside areas, and along Hudson Avenue and Avocet Way. Of the area scanned during this week, two anomalies were detected, both slightly above background and both determined to be potassium-40. One was detected outside of an engineering trailer (Lennar construction office) and the other in the landscape area of a building on Hudson Avenue. As mentioned in last week's Progress Update, these findings are not unusual for a neighborhood scan and do not pose a hazard to people or the environment (approximately 0.01% of potassium found in nature, including in plants, animals and our bodies, is potassium-40). In total, approximately 30% of the walkover survey area has been completed.



In addition, RHB is continuing on the data analysis of the Towed Array RS 700 data sets. As pointed out in the last Progress Update, preliminary analysis showed that some anomalies were detected by the RS 700, and that they were also derived from naturally occurring radioactive isotopes. We are continuing our efforts to confirm these findings.

CDPH continues to appreciate residents' assistance to facilitate this survey effort.

As always, questions or comments about this project can be sent to:  
[RHBHuntersPointParcelAScan@cdph.ca.gov](mailto:RHBHuntersPointParcelAScan@cdph.ca.gov)

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Starr", with a stylized flourish extending from the end.

Mark Starr, DVM, MPVM, DACVPM  
Deputy Director for Environmental Health  
California Department of Public Health

# Hunters Point Naval Shipyard Fieldwork Tracking Sheet August 2018

Item	Project and Points of Contact	August	September	October	Contact Info
CERCLA Parcel Fieldwork					
Basewide					
1	Radiological Support	General Basewide Support	General Basewide Support	General Basewide Support	<a href="mailto:leslie.howard@navy.mil">leslie.howard@navy.mil</a>
	RPM: Leslie Howard				(619) 524-5903
	PM: Lisa Bercik, APTIM				
2	Transportation & Disposal	None	None	None	<a href="mailto:leslie.howard@navy.mil">leslie.howard@navy.mil</a>
	RPM: Leslie Howard				(619) 524-5903
	PM: Don Clause, Arcadis				
3	Groundwater Monitoring Program	Mobilize in Late August	Groundwater Sampling	None	<a href="mailto:leo.m.larson.ctr@navy.mil">leo.m.larson.ctr@navy.mil</a>
	RPM: Leo Larson				(619) 524-5257
	PM: Erin Hunter, Trevet				
Parcel B-1					
1	IR-10 SVE System	SVE O&M and Optimization	SVE O&M and Optimization	SVE O&M and Optimization	<a href="mailto:christopher.ota.ctr@navy.mil">christopher.ota.ctr@navy.mil</a>
	RPM: Chris Ota				(619) 524-5853
	PM: John Sourial, Innovex/ERRG				
Parcel B-2					
1	IR-26 Groundwater Study	None	Sampling Event	None	<a href="mailto:leslie.howard@navy.mil">leslie.howard@navy.mil</a>
	RPM: Leslie Howard				(619) 524-5903
	PM: Curtis Moss, KMEA				
Parcel C					
1	Remedial Action - RU-C1, C2, C4, and C5	SVE System/Oversight	SVE System/Oversight	SVE System/Oversight	<a href="mailto:christopher.ota.ctr@navy.mil">christopher.ota.ctr@navy.mil</a>
	RPM: Chris Ota				(619) 524-5853
	PM: Mitra Fattahipour, Insight				
2	Petroleum Hydrocarbon Corrective Action	Soil Boring Installation/Soil and Groundwater Sampling	Soil Boring Installation/Soil and Groundwater Sampling	None	<a href="mailto:sharon.ohannessian.ctr@navy.mil">sharon.ohannessian.ctr@navy.mil</a>
	RPM: Sharon Ohannessian				(202) 685-1627
	PM: Philip Stearns, AMEC Foster Wheeler				
Parcel D-1					
1	Durable Cover	Begin Site Prep for Phase II Durable Cover Installation	Begin Phase II Durable Cover Installation	Begin Phase II Durable Cover Installation	<a href="mailto:leslie.howard@navy.mil">leslie.howard@navy.mil</a>
	RPM: Leslie Howard				(619) 524-5903
	PM: Lisa Bercik, APTIM				
Parcel E					
1	Petroleum Hydrocarbon Corrective Action	Soil Boring & Monitoring Well Installation/Sampling	Soil Boring & Monitoring Well Installation/Sampling	Soil Boring & Monitoring Well Installation/SamplingEx cavation	<a href="mailto:sharon.ohannessian.ctr@navy.mil">sharon.ohannessian.ctr@navy.mil</a>
	RPM: Sharon Ohannessian				(202) 685-1627
	PM: Philip Stearns, AMEC Foster Wheeler				
Parcel E-2					
1	Revetment, Upland Slurry Wall, Grading	Site grading, onsite consolidation, shoreline revetment, upland slurry wall	RSY Pad Deconstruction	None	<a href="mailto:leslie.howard@navy.mil">leslie.howard@navy.mil</a>
	RPM: Leslie Howard				(619) 524-5903
	PM: Nels Johnson, APTIM				
2	Protective Liner, Wetlands, and LG Control System	None	None	Project Kick-Off Meeting	<a href="mailto:leslie.howard@navy.mil">leslie.howard@navy.mil</a>
	RPM: Leslie Howard				(619) 524-5903
	PM: Lou Ehrhard, KEMRON				

Document prepared by Navy for monthly Base Closure Team meetings

# Hunters Point Naval Shipyard Document Tracking Sheet August 2018

		DRAFT						RTCs		DRAFT FINAL		FINAL			
Item	Document Title & Information	Draft to Agencies	Agency Comments					RTCs to Agencies	Draft Final to Agencies	Final to Agencies		Comments			
			Date Due	USEPA	DTSC	WATER BOARD	CITY OF SF								
CERCLA, Petroleum, and Radiological Reports															
All															
1	Five-Year Review RPM: Stephen Banister PM: Doug Bielskis, Innovex-ERRG	07/09/18	✓	09/07/18					TBD		10/23/18		11/23/18	FFA Document; 60-day review period	
Parcel B-1															
1	FOST (Excluding IR-10) RPM: Paul Stoick PM: NA	Revised Draft 5/9/17	✓	05/26/17	✓	✓	✓	✓	05/08/17	✓	NA		10/17/18		
Parcel B-2															
1	O&M Report RPM: Sharon Ohannessian PM: John Sourial, ERRG	04/06/18	✓	05/21/18	✓	✓	✓	✓	06/11/18	✓	NA		07/13/18	✓	
Parcel C															
1	RAWP - Building 253/211 RPM: Chris Ota PM: Brett Womack, Gilbane	04/27/18	✓	07/11/18					TBD		NA		08/27/18	FFA Document	
2	RAWP - Historical District RPM: Leslie Howard PM: Lisa Bercik, Aptim	07/09/18	✓	08/24/18					TBD		NA		10/08/18	FFA Document	
Parcel D-1															
1	Rad RACR - Phase II RPM: Hamide Kayaci PM: Ed Palser, Gilbane	08/31/17	✓	11/17/17	✓	✓		✓	01/11/18	✓	01/29/18	✓	09/11/18	FFA Document	
2	Final Status Survey - Former NRDL RPM: Hamide Kayaci PM: Ed Palser, Gilbane	08/31/17	✓	11/17/17	✓	✓		✓	01/11/18	✓	01/29/18	✓	TBD		
3	Final Status Survey - Ship Berths 14, 21, 22, and 29 RPM: Hamide Kayaci PM: Ed Palser, Gilbane	08/31/17	✓	11/17/17	✓	✓		✓	01/11/18	✓	01/29/18	✓	TBD		
4	RAWP - Durable Cover Phase II RPM: Leslie Howard PM: Lisa Bercik, Aptim	01/26/18	✓	04/02/18	✓	✓	✓	✓	06/14/18	✓	06/14/18	✓	07/16/18	✓	
Parcel E															
1	Execution Plan - SS/SD Removal Action RPM: Stephen Banister PM: Philip Sterns, AMEC FW	09/05/18		10/22/18					TBD		NA		12/06/18	FFA Document	
2	LUC RD RPM: Paul Stoick PM: CES, Doug Bielskis	05/31/18	✓	07/15/18					TBD		08/30/18		10/01/18	FFA Document	
3	RAMP RPM: Paul Stoick PM: CES, Doug Bielskis	10/01/18		11/16/18					TBD		12/31/18		01/31/19	FFA Document	
4	Petroleum Work Plan, Addendum 1 RPM: Sharon Ohannessian PM: Philip Sterns, AMEC FW	11/07/17	✓	03/01/18			✓	✓	04/25/18	✓	NA		06/20/18	✓	
5	RAWP - Excavation, SVE, and GW Treatment RPM: Paul Stoick PM: Tim Kemper, Aptim	12/03/18		01/18/19					TBD		03/05/19		04/05/19	FFA Document	
6	RAWP - IR03, Shoreline Const., Soil Cover, and Rad Scans RPM: Paul Stoick PM: Brett Womack, Gilbane	12/03/18		01/18/19					TBD		03/05/19		04/05/19	FFA Document	

Document prepared by Navy for monthly Base Closure Team meetings



# Hunters Point Naval Shipyard Document Tracking Sheet August 2018

			DRAFT						RTCs		DRAFT FINAL		FINAL			
Item	Document Title & Information		Draft to Agencies	Agency Comments						RTCs to Agencies	Draft Final to Agencies	Final to Agencies	Comments			
				Date Due	USEPA	DTSC	WATER BOARD	CITY OF SF								
Parcel E-2																
1	RACR - Hot Spot Removal and Slurry Wall		11/29/17	✓	01/29/18			✓	02/26/18	✓	03/16/18	✓	06/22/18	✓	FFA Document	
	RPM: Leslie Howard															
	PM: Brett Womack, Gilbane															
2	RAWP - Protective Liner, Wetlands, and LG Control System		02/16/18	✓	04/03/18	✓		✓	TBD		08/13/18		09/13/18		FFA Document	
	RPM: Leslie Howard															
	PM: Lou Ehrhard, KEMRON															
3	RACR - Revetment, Upland Slurry Wall, and Grading		11/26/18		01/01/19				TBD		02/25/19		03/28/19		FFA Document	
	RPM: Leslie Howard															
	PM: Nels Johnson, Aptim															
Parcel F																
1	Radiological Characterization Surveys Work Plan (Piers/Pens)		02/27/18	✓	05/21/18	✓	✓			TBD		07/19/18	✓	09/14/18	FFA Document; Revised Final	
	RPM: Leslie Howard															
	PM: Lisa Berdik, Aptim															
2	Bathymetric Survey and Former Parcel B Piers Investigation Report		07/09/18	✓	08/09/18				TBD		09/24/18		10/25/18		FFA Document	
	RPM: Sharon Ohannessian															
	PM: Mitra Fattahipour, ECC															
3	Record of Decision		08/13/18		09/28/18				TBD		11/13/18		12/14/18		FFA Document	
	RPM: Sharon Ohannessian															
	PM: Mitra Fattahipour, ECC															
4	Finger Piers Characterization Surveys Report		11/29/18		01/14/19				TBD		NA		02/28/19		FFA Document	
	RPM: Leslie Howard															
	PM: Lisa Berdik, Aptim															
Parcel G																
1	FOST		06/15/14	✓	07/18/14	✓	✓	✓	✓	NA		NA		10/19/18	Revised Draft - 6/30/17	
	RPM: Paul Stoick															
	PM: NA															
Parcel UC-3																
1	RACR		12/19/17	✓	04/02/18	✓		✓	TBD		06/07/18	✓	07/31/18	✓	FFA Document	
	RPM: Stephen Banister															
	PM: Brett Womack, Gilbane															
2	O&M Plan		12/19/17	✓	04/02/18	✓		✓	TBD		06/07/18	✓	07/31/18	✓		
	RPM: Stephen Banister															
	PM: Brett Womack, Gilbane															
3	FOST		11/13/18		12/13/18				TBD		NA		03/07/19			
	RPM: Stephen Banister															
	PM: John Sourial, Innovex-ERRG															

✓ Production or review of document is complete. LUC = Land use control

X Received notification of no comments or comments deferred to other agency.

DTSC = Department of Toxic Substances Control

USEPA = U.S. Environmental Protection Agency

FS = Feasibility study

FSS = Final status survey

Report titles highlighted in yellow have a requested expedited review period.

Report titles highlighted in blue are currently under regulatory review.

NA = Not applicable

PM = Project manager

PP = Proposed plan

RACR = Remedial action completion report

RAWP = Remedial action work plan

TBD = To Be Determined

FFA = Federal Facilities Agreement (i.e. refers to number of days in review period)

Report titles highlighted in gray have been finalized.

Document prepared by Navy for monthly Base Closure Team meetings